

Confirmation

Expense report number KCIE2100327 for 12,289.77 has been submitted.

**Expense Report KCIE2100327****Submission Instructions**

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

* Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

* Make a photocopy of this page and any receipts for your records.

* Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

* If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name	Allan, Cheri L (000065941)	Report Submit Date	05-MAY-2017
Expense Dates	26-APR-2017 - 29-APR-2017	None	
Cost Center	200125	Report Total	12,289.77 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

[Expense Lines](#) [Expense Allocations](#) [Weekly Summary](#) [Approval Notes \[1\]](#) [Approvers](#)

Project Allocations

[Expand All](#) | [Collapse All](#)



Focus Line	Payment Method	Date	Expense Type	Receipt Amount	Reimbursable Amount (USD)	Merchant	Location Justification	Project	Task	Award	Project Expenditure Organization
All					12,289.77						
1	Credit Card	27-Apr-2017	53210 SERVICES COMMUNICATIONS	236.35 USD	236.35	COMCAST CABLE COMM	NO CPA/CABLE SVC FOR SURVEILLANCE CAMERAS/INV #0816486-APR17/NTX-KC-0001/NO TAX	1039529 KCSO REGIONAL INTEL GROUP	001 DEFAULT TASK	200400 REGIONAL INTEL GROUP	✓
2	Credit Card	27-Apr-2017	52189A SOFTWARE NONCAP	2,495.00 USD	2,495.00	WWW.HAWKANALYTICS.COM	NO CPA/SOFTWARE PROGRAM FOR MCU/INV #2325/KCC-SO-0100/USE TAX \$252.00	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK	200341 MAJOR CRIMES	✓
3	Credit Card	27-Apr-2017	52189A SOFTWARE NONCAP	2,695.00 USD	2,695.00	DMEFORENSICS INV-1532	NO CPA/SOFTWARE PROGRAM FOR MCU/INV #1532/KCC-SO-	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK	200341 MAJOR CRIMES	✓

							0100/USE TAX \$272.20				
4	Credit Card	27-Apr-2017 52215 BOOKS SUBSCRIPTIONS	989.99 USD	989.99		DEVELOPER EXPRESS INC	NO CPA/SOFTWARE SUBSCRIPTION RENEWAL/INV #P10184/KCC-SO-0100/USE TAX \$99.89	1039412 KCSO ISS APPLICATION SUPPORT	001 DEFAULT TASK	102780 KCSO RAIN OR WIRE	200141 APPLICATION SUPPORT ✓
5	Credit Card	29-Apr-2017 53210 SERVICES COMMUNICATIONS	0.03 USD	0.03		COMCAST CABLE COMM	NO CPA/CABLE SVC FOR FAIRWOOD STOREFRONT/INV #2122961-APR17/NTX-KC-0001/NO TAX	1039418 KCSO PRECINCT 3 SOUTHEAST	001 DEFAULT TASK	200222 S.E. PRECINCT SUPPORT ✓	
Credit 6/1 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	108.15 USD	108.15		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577833531/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 6/2 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	168.88 USD	168.88		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR ASU/INV #577833531A/NTX-KC-0001/NO TAX	1039502 KCSO AIR SUPPORT UNIT	001 DEFAULT TASK	200330 AIR SUPPORT ✓	
Credit 6/3 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	13.49 USD	13.49		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577047278/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 6/4 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	36.22 USD	36.22		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #576327071/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 6/5 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	82.19 USD	82.19		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574049835/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 6/6 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.24 USD	12.24		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574083363/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 6/7 Card		28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.23 USD	12.23		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574837874/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
Credit 7/1 Card		26-Apr-2017 52189A SOFTWARE NONCAP	5,200.00 USD	5,200.00		SIMPLEHELP 40 L	NO CPA/SIMPLEHELP LICENSES FOR ISS/INV #SH116328/KCC-SO-0100/USE TAX \$525.20	1039412 KCSO ISS APPLICATION SUPPORT	001 DEFAULT TASK	102780 KCSO RAIN OR WIRE	200141 APPLICATION SUPPORT ✓
Credit 7/2 Card		26-Apr-2017 53611 IT EQUIP REPAIR MAINT	240.00 USD	240.00		SIMPLEHELP 40 L	NO CPA/RENEW SIMPLEHELP LICENSES FOR AFIS/INV #SH116328A/KCC-SO-0100/USE TAX \$24.24	1039606 KCSO AUTO FINGERPRNT IDENT SYS	001 DEFAULT TASK	208000 AUTO FINGERPRINT IDENT ✓	

Pcard / Travel Card Business Expenses	12,289.77
Cash and Other Business Expenses	0.00
Expense Report Total	12,289.77 USD
Company Paying to Pcard / Travel Card Issuer	12,289.77 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

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Allan, Cheri

From:
Sent:
To:
Subject:

Hawk Analytics [training@hawkanalytics.com]
Thursday, April 27, 2017 10:18 AM

Allan, Cheri
Your Hawk Analytics order receipt from April 27, 2017

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #2325

Product	Quantity	Price	
CellHawk - Tier1	1	\$2,495.00	
Subtotal:		\$2,495.00	
Payment Method:		Credit card	<i>Use tax</i>
Total:		\$2,495.00	<i>252.00</i>

Customer details

- Note: Ender User is Melissa Rogers 206-263-2095
Melissa.rogers@kingcounty.gov
- Email: cheri.allan@kingcounty.gov
- Tel: 206-263-2588

Billing address

Expense Report KCIE2100327

Hawk Analytics

Confirmation

Expense report number KCIE2100327 for 12,289.77 has been submitted.

Expense Report KCIE2100327

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Expense Dates	26-APR-2017 - 29-APR-2017	None	
Cost Center	200125	Report Total	12,289.77 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD

Original Receipts Status Not Required

Expense Lines Expense Allocations Weekly Summary Approval Notes [1] Approvers

Project Allocations

Expand All | Collapse All

Focus Line	Payment Method	Date	Expense Type	Receipt Amount	Reimbursable Amount (USD)	Merchant	Location Justification	Project	Task	Award Expenditure Organization
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2	Credit Card	27-Apr-2017	52189A SOFTWARE NONCAP	2,495.00 USD	2,495.00	WWW.HAWKANALYTICS.COM	NO CPA/SOFTWARE PROGRAM FOR MCJ/INV #2325/KCC-SO-0100/USE TAX \$252.00	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK	200341 MAJOR CRIMES ✓
3	Credit Card	27-Apr-2017	52189A SOFTWARE NONCAP	2,695.00 USD	2,695.00	DMEFORENSICS INV-1532	NO CPA/SOFTWARE PROGRAM FOR MCJ/INV #1532/KCC-SO-	1039550 KCSO MAJOR CRIMES	001 DEFAULT TASK	200341 MAJOR CRIMES ✓

							0100/USE TAX \$272.20				
4	Credit Card	27-Apr-2017 52215 BOOKS SUBSCRIPTIONS	989.99 USD	989.99		DEVELOPER EXPRESS INC	NO CPA/SOFTWARE SUBSCRIPTION RENEWAL/INV #P10184/KCC-SO-0100/USE TAX \$99.89	1039412 KCSO ISS APPLICATION SUPPORT	001 DEFAULT TASK	102780 KCSO RAIN OR WIRE	200141 APPLICATION SUPPORT ✓
5	Credit Card	29-Apr-2017 53210 SERVICES COMMUNICATIONS	0.03 USD	0.03		COMCAST CABLE COMM	NO CPA/CABLE SVC FOR FAIRWOOD STOREFRONT/INV #2122961-APR17/NTX-KC-0001/NO TAX	1039418 KCSO PRECINCT 3 SOUTHEAST	001 DEFAULT TASK	200222 S.E. PRECINCT SUPPORT ✓	
6/1	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	108.15 USD	108.15		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577833531/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
6/2	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	168.88 USD	168.88		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR ASU/INV #577833531/NTX-KC-0001/NO TAX	1039502 KCSO AIR SUPPORT UNIT	001 DEFAULT TASK	200330 AIR SUPPORT ✓	
6/3	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	13.49 USD	13.49		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #577047278/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
6/4	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	36.22 USD	36.22		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #576327071/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
6/5	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	82.19 USD	82.19		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #575499835/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
6/6	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.24 USD	12.24		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574083363/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
6/7	Credit Card	28-Apr-2017 53320 FREIGHT AND DELIVRY SRV	12.23 USD	12.23		FEDEX 24187533	CPA 529060/SM PKG DELIVERY FOR PMU/INV #574837874/NTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK	200106 PROPERTY MGMT UNIT ✓	
7/1	Credit Card	26-Apr-2017 52189A SOFTWARE NONCAP	5,200.00 USD	5,200.00		SIMPLEHELP 40 L	NO CPA/SIMPLEHELP LICENSES FOR ISS/INV #SH116328/KCC-SO-0100/USE TAX \$525.20	1039412 KCSO ISS APPLICATION SUPPORT	001 DEFAULT TASK	102780 KCSO RAIN OR WIRE	200141 APPLICATION SUPPORT ✓
7/2	Credit Card	26-Apr-2017 53611 IT EQUIP REPAIR MAINT	240.00 USD	240.00		SIMPLEHELP 40 L	NO CPA/RENEW SIMPLEHELP LICENSES FOR AFIS/INV #SH116328A/KCC-SO-0100/USE TAX \$24.24	1039606 KCSO AUTO FINGERPRNT IDENT SYS	001 DEFAULT TASK	208000 AUTO FINGERPRINT IDENT ✓	

Pcard / Travel Card Business Expenses	12,289.77
Cash and Other Business Expenses	0.00
Expense Report Total	12,289.77 USD
Company Paying to Pcard / Travel Card Issuer	12,289.77 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

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Allan, Cheri

From: Hawk Analytics [training@hawkanalytics.com]
Sent: Thursday, April 27, 2017 10:18 AM
To: Allan, Cheri
Subject: Your Hawk Analytics order receipt from April 27, 2017

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #2325

Product	Quantity	Price
CellHawk - Tier1	1	\$2,495.00
Subtotal:		\$2,495.00
Payment Method:		Credit card
Total:		\$2,495.00

Use tax
252.00

Customer details

- **Note:** Ender User is Melissa Rogers 206-263-2095
Melissa.rogers@kingcounty.gov
- **Email:** cheri.allan@kingcounty.gov
- **Tel:** 206-263-2588

Billing address

Cheri Allan
King County Sheriff's Office
516 3rd Ave
Rm W150
Seattle, WA 98104

Hawk Analytics – Powered by WooCommerce

info@hawkanalytics.com | 469-373-HAWK (4295)



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
2325	April 27, 2017	\$2,495.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
CellHawk - Tier1 [https://www.hawkanalytics.com/product/cellhawk-tier1/] × 1	\$2,495.00
SUBTOTAL:	\$2,495.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,495.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING
2017 APR 19 AM 10:28
KING COUNTY POLICE

CA

ENTERED
4/10/17

Memorandum

Date: April 13, 2017

To: Jason King, Budget and Accounting

From: Sgt. John C. McSwain, Major Crimes Unit *JCM*

Re: CELLHAWK SUBSCRIPTION RENEWAL

John C. McSwain

Via: Chain of Command

CellHawk is a software program used in the KCSO Major Crimes/Digital Forensics Unit to map cell phone usage. Cell mapping is a common task used in most of our larger more complex and highly sensitive cases and this tool is an essential tool in our toolbox.

This year's subscription will expire on April 27th and needs to be renewed ASAP so we don't lose data.

I have attached a copy of the invoice for payment.

Total cost for 1 year license is 2495.00

Thanks for your consideration



INVOICE

Invoice #: INV21838

Issued Date: 03-07-2016

Purchase Order #:

Prepared For: King County (WA) Sheriff's Office
Seattle WA

Primary Contact: Melissa Rogers
206-263-2095
melissa.rogers@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
1.00	CellHawk Subscription - Tier 1 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 100,000 MAXIMUM NUMBER OF USERS: 5	2,495.00	2,495.00	2,495.00
Grand Total (USD)				2,495.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.


 Hawk Analytics
 Expense Reports


 APPROVED

Navigator

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Expenses

Expenses Home | Expense Reports | Pcard / Travel Card Transactions | Access Authorizations | Projects and Tasks | Payments Search

 Confirmation

Expense report number KCIE1177946 for 5,592.06 has been submitted.


 POSTED

Expense Report KCIE1177946

[Return](#)[Create New Expense Report](#)[Printable Page](#)**Submission Instructions**

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General Information

Name	Reed, Nancy J (000074897)	Report Submit Date	28-MAR-2016
Expense Dates	22-MAR-2016 - 24-MAR-2016	Attachments	None Add...
Cost Center	200125	Report Total	5,592.06 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

[Expense Lines](#) [Expense Allocations](#) [Weekly Summary](#) [Approval Notes \[0\]](#) [Approvers](#)
[Project Allocations](#)
[Expand All](#) | [Collapse All](#)

Focus Line	Payment Method	Date	Expense Type	Reimbursable				Project	Task	Project Expend Award Organiz
				Receipt Amount	(USD)	Merchant	Location			

<input checked="" type="checkbox"/> All											
1 Credit Card	23-Mar-2016 53812 LICENSES AND FEES		5,592.06	2,495.00 USD	2,495.00	SQ *HAWK ANALYTICS	TEMECULA NO CPA/SQ *HAWK ANALYTICS INV 21600/FOR ANNUAL SUBSCRIPTION RENEWAL :04/28/2016-04/27/2017 FOR MCU/DIGITAL FORENSICS UNIT/NTX-KC-0001/Exempt from Sales and Use Tax \$0.00	1039550 001 KCSO MAJOR CRIMES	DEFAULT TASK	200125 BUDGET ACCOUN	
2 Credit Card	22-Mar-2016 53610D REPAIR MAINT EQUIPMENT	230.16 USD	230.16	TIME EQUIPMENT COMPANY	NO CPA/TIME EQUIPMENT COMPANY INV 46044/REPAIR OF TIME CLOCK FOR BUDGET & ACCOUNTING/KCC-SO-0100/Sales Tax Paid \$20.16	1039391 001 KCSO BUDGET AND ACCTG	DEFAULT TASK	200125 BUDGET ACCOUN			
3 Credit Card	24-Mar-2016 52290 MISC OPERATING SUPPLIES	2,866.90 USD	2,866.90	BRENTRONICS	NO CPA/BRENTRONICS INV 100000846/FOR ROOT BATTERIES/HIREM GRIJALVA/No Sales Tax Paid/PLEASE PAY USE TAX/MPV-SB-0001/USE TAX \$246.55	1039523 001 KCSO HDMT BDU	DEFAULT TASK	200313 I			
<hr/>											
Pcard / Travel Card Business Expenses											
Cash and Other Business Expenses											
Expense Report Total											
5,592.06 USD											
Company Paying to Pcard / Travel Card Issuer											
5,592.06 USD											
Reimbursement to You											
0.00 USD											
Pcard / Travel Card Unreimbursable Expenses											
Pcard / Travel Card Itemized Unreimbursable Expenses											
You Pay to Pcard / Travel Card Issuer											
0.00 USD											
<hr/>											

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Privacy Statement

Reed, Nancy

From: Hawk Analytics via Square [receipts@messaging.squareup.com]
Sent: Wednesday, March 23, 2016 5:13 PM
To: Reed, Nancy
Subject: Receipt from Hawk Analytics

Reply to this email to leave feedback for Hawk Analytics



\$2,495.00

Custom Amount \$2,495.00

Total \$2,495.00

7 EAGLE RD ELK RD EAGLE RD

Hawk Analytics

Visa 8409
VISA

3/23/2016, 4:22 PM
#JMCm

Kere 117949

© 2016 Square, Inc. All rights reserved.
1455 Market Street, Suite 600, San Francisco, CA 94103

[Square Privacy Policy](#)
Map data © [OpenStreetMap](#) contributors
[Not your receipt?](#)





43200 Business Park Drive, Suite 109
Temecula, CA 92590
951-365-2655
sales@hawkanalytics.com

Invoice

Invoice #:	INV21600
Date:	3/23/2016

Bill To

King County Sheriff's Office
516 Third Avenue, W150 KC Courthouse
Seattle, WA 98104-2312

Ship To

King County Sheriff's Office
516 Third Avenue, W150 KC Courthouse
Seattle, WA 98104-2312

P.O. Number

8409

Quantity	Item Code	Description	Price Each	Amount
1	CH-100K-R	CellHawk - Annual Subscription Renewal SUBSCRIPTION DATES: 4/28/16 through 4/27/17	2,495.00	2,495.00

Total

\$2,495.00

Reed, Nancy

From: Reed, Nancy
Sent: Wednesday, March 16, 2016 6:46 PM
To: 'sales@hawkanalytics.com'
Cc: McSwain, John
Subject: INVOICE 21600 po# 8409 MCSWAIN AMT 2495.00
Attachments: INV 21600 HAWK ANALYTICS CELL HAWK.pdf; KC-W9_2.pdf

MAR 16 2016

SAFED

I would like to pay the attached Invoice with credit card. Please give me a call so I may give you my credit card information.

Attached please file out the attached KC-W9 so I can put you into our system for future purchases.
Thank you.

Have a nice day.

Nancy Reed
King County Sheriff's Office
Budget & Accounting
516 3rd Ave. RMW150
Seattle, WA 98104
Tel: 206 263-2598
Fax: 206 296-0164
Email: Nancy.Reed@kingcounty.gov

MAR 23 2016 - Fraud Alert has been lifted by Bank
may process payment

NR
*[Signature]*PENTERED
3/16/16RECEIVED
BUDGET & ACCOUNTING

16 MAR 16 AM 10:48

RUSH!

KING COUNTY POLICE

Memorandum

Date: March 9, 2016
To: DeWayne Pitts, Budget and Accounting
From: Sgt. John C. McSwain, MCU/Digital Forensics Unit
Re: CELL HAWK CELL TOWER ANALYTICS TOOL, LICENSE RENEWAL

CK 3/9/16
John McSwain

Via: Chain of Command

In April of 2015 the KCSO MCU/Digital Forensics Unit purchased "Cell Hawk" to use as a Cell Tower Analytic Tool. This tool has proved useful and intuitive and has become our primary tool when it comes to analyzing and tracking cell tower data and movement of suspects.

Our Tier 1 License is about to expire and I am requesting we renew this valuable tool for another year. I have attached the invoice to this memo for your review.

Feel free to ask questions should you have any concerns.

Hawk Analytics/Cell Hawk
43200 Business Park Dr. #109
Temecula, CA 92590
Sales@HawkAnalytics.com

Bill to:
King County Sheriff's Office
Budget & Accounting
516 3rd Ave., RM W150
Seattle, WA 98104
PO# 8409

Invoice #INV21600

Total 1 year "tier 1" cost – \$2,495.00

ADM-SO-0100

NO SPA FOR IN O

P 1039550
O 200341
E 53812 T 001 A =

Ship to:
John McSwain
KCSO/MAJOR CRIMES
500 4th Ave, Suite 200
Seattle, WA 98104
No weekend delivery

925-918-3669 - Mike Nelson

ORIGINAL



43200 Business Park Dr #109
Temecula, CA 92590
+1 951 365 2655
sales@hawkanalytics.com

INVOICE

Invoice #: INV21600
Issued Date: 03-07-2016
Purchase Order #: 8409

Prepared For: King County Sheriff's Office

Primary Contact: Melissa Rogers
206-263-2095
melissa.rogers@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
1.00	CellHawk Subscription - Tier 1 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 100,000 MAXIMUM NUMBER OF USERS: 5	2,495.00	2,495.00	2,495.00
Grand Total (USD)				2,495.00

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- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



NR

ENTERED
3/16/16RECEIVED
BUDGET & ACCOUNTING

16 MAR 16 AM 10:48

KING COUNTY POLICE

Memorandum

CK21 3/9/16
[Signature]

Via: Chain of Command

Date: March 9, 2016
To: DeWayne Pitts, Budget and Accounting
From: Sgt. John C. McSwain, MCU/Digital Forensics Unit
Re: CELL HAWK CELL TOWER ANALYTICS TOOL, LICENSE RENEWAL

In April of 2015 the KCSO MCU/Digital Forensics Unit purchased "Cell Hawk" to use as a Cell Tower Analytic Tool. This tool has proved useful and intuitive and has become our primary tool when it comes to analyzing and tracking cell tower data and movement of suspects.

Our Tier 1 License is about to expire and I am requesting we renew this valuable tool for another year. I have attached the invoice to this memo for your review.

Feel free to ask questions should you have any concerns.

Hawk Analytics/Cell Hawk
43200 Business Park Dr. #109
Temecula, CA 92590
Sales@HawkAnalytics.com

Bill to:
King County Sheriff's Office
Budget & Accounting
516 3rd Ave., RM W150
Seattle, WA 98104
PO# 8409

Invoice #INV21600
Total 1 year "tier 1" cost - \$2,495.00 *ADM-SO-0100*

NO SPA FOR IN O

P 1039550
O 200341
E 53812 1001 ^ =

ORIGINAL



43200 Business Park Dr #109
Temecula, CA 92590
+1 951 365 2655
sales@hawkanalytics.com

INVOICE

Invoice #: INV21600
Issued Date: 03-07-2016
Purchase Order #: 8409

Prepared For: King County Sheriff's Office

Primary Contact: Melissa Rogers
206-263-2095
melissa.rogers@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
1.00	CellHawk Subscription - Tier 1 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 100,000 MAXIMUM NUMBER OF USERS: 5	2,495.00	2,495.00	2,495.00
Grand Total (USD)				2,495.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.

Confirmation

Expense report number KCIE2894555 for 25,214.63 has been submitted.

Expense Report KCIE2894555

X5

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name	Allan, Cheri L (000065941)	Report Submit Date	06-APR-2018
Expense Dates	02-APR-2018 - 03-APR-2018		None
Cost Center	200125	Report Total	25,214.63 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

[Expense Lines](#) | [Expense Allocations](#) | [Weekly Summary](#) | [Approval Notes \[0\]](#) | [Approvers](#)

Project Allocations

[Expand All](#) | [Collapse All](#)


Focus Line	Payment Method	Date	Expense Type	Receipt Amount	Reimbursable Amount (USD)	Merchant	Location Justification	Project	Task	Award	Project Expenditure Organization
All											
					25,214.63						
Credit 1 Card	02-Apr-2018	56770 LAW ENFORCEMENT EQUIP	8,095.00 USD	8,095.00		IN *VOHNE LICHE KENNELS I	NO CPA/POLICE DOG K9 ROKKI PURCHASE/INV #14626/KCC-SO-0100/USE TAX \$817.60	1039441 KCSO CANINE UNIT	001 DEFAULT TASK		200224 CANINE PATROL
Credit 2 Card	02-Apr-2018	56770 LAW ENFORCEMENT EQUIP	12,121.88 USD	12,121.88		IN *ADLERHORST INTERNATIO	NO CPA/POLICE DOG K9 HASSA PURCHASE/INV #100200/KCC-SO-0100/SALES TAX \$871.88	1039441 KCSO CANINE UNIT	001 DEFAULT TASK		200224 CANINE PATROL
Credit 3 Card	03-Apr-2018	53330 PURCHASED TRANSPORTATION	2.75 USD	2.75		GOOD2GO-INTERNET	NO CPA/TOLL CHARGES/INV #TB180866207/INTX-KC-0001/NO TAX	1039359 KCSO PROPERTY MGMT UNIT	001 DEFAULT TASK		200106 PROPERTY MGMT UNIT
Credit 4 Card	03-Apr-2018	53890 MISC SERVICES CHARGES	1,000.00 USD	1,000.00		CLAIMS CENTER FLORIDA	NO CPA/DEDUCTIBLE FOR ACCIDENT-	1039419	001 DEFAULT TASK		200223 S.W. PRECINCT SUPPORT

Credit 5 Card	03-Apr-2018 53611 IT EQUIP REPAIR MAINT	3,995.00 USD	3,995.00	WWW.HAWKANALYTICS.COM	HAWLEY LEASE CAR/INV #1400182/NTX-KC- 0001/NO TAX NO CPA/RENEWAL CELLHAWK LICENSE SUBSCRIPTION/INV #INV22273/KCC-SO- 0100/USE TAX \$403.50	KCSO PRECINCT 4 SOUTHWEST 1039550 KCSO MAJOR CRIMES 001 DEFAULT TASK	200341 MAJOR CRIMES
------------------	---	--------------	----------	-----------------------	--	---	---------------------------

Pcard / Travel Card Business Expenses	25,214.63
Cash and Other Business Expenses	0.00

Expense Report Total	25,214.63 USD
----------------------	---------------

Company Paying to Pcard / Travel Card Issuer	25,214.63 USD
--	---------------

Reimbursement to You	0.00 USD
----------------------	----------

Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00

You Pay to Pcard / Travel Card Issuer	0.00 USD
---------------------------------------	----------

Copyright (c) 1998, 2015, Oracle and/or its affiliates. All rights reserved.

Allan, Cheri

From: Hawk Analytics <sales@hawkanalytics.com>
Sent: Tuesday, April 03, 2018 8:49 AM
To: Allan, Cheri
Subject: Your Hawk Analytics order receipt from April 3, 2018

Thank you for your order

Your order has been received and is now being processed. Your order details are shown below for your reference:

Order #3133

Product	Quantity	Price
CellHawk - Tier 2	1	\$3,995.00
Subtotal:		\$3,995.00
Payment Method:		Credit card
Total:		\$3,995.00

Customer details

- Email: cheri.allan@kingcounty.gov
- Tel: 2062632588

Use tax
\$403.50

Billing address

Cheri Allan
King County Sheriff's Office
516 3rd Ave



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22273
Issued Date: 04-02-2018
Purchase Order #: N/A

Prepared For: King County Sheriff's Office

Primary Contact: Blythe Miniken

Blythe.Miniken@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
1.00	CellHawk Subscription - Tier 2 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 250,000 MAXIMUM NUMBER OF USERS: 5	3,995.00	3,995.00	3,995.00
Grand Total (USD)				3,995.00

Terms & Conditions:

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- Unlimited technical support provided via phone and/or email

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RUSH!

RECEIVED
BUDGET & ACCOUNTING
2018 APR -2 AM 11:26
KING COUNTY POLICE

CA
JMJ ENTERED 3/27/18

Memorandum

Date: March 27, 2018

To: Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From: Sergeant Blythe Miniken, Major Crimes Unit

Re: CELLHAWK LICENSE RENEWAL 2018

Cellhawk is a software tool that maps cell towers. Cell map is used to analyze imagery, graphical representation of own maps, satellite sites and gives a current analysis.

For the new class and

estigations Division for final investigations. It's sensitive cases. It comes with a graphical interface where the phone has a camera. This tool also helps to find locations, map, satellite sites and gives a quick analysis. We are able to add their own maps, satellite sites and gives a quick analysis. This is the

We sponsored the

I have asked my staff to prepare such requests w/ more advanced notice in the future. We don't operate in crisis mode in CID.

Jenell

This year's subscription to the Cellhawk software will expire on April 27th and needs to be renewed ASAP so we don't lose data.

I have attached a copy of the invoice for payment. We have requested a Tier 2 status which allows for 250,000 records. We currently have a Tier 1 status which only allows for 100,000 records and we are already almost at capacity as we utilize this tool so often.

Total cost for 1 year license is \$3995.00

RECOMMEND APPROVAL:
Chief [Signature] C. M. J.
03/29/2018

Attachment: Cellhawk Quote #Quo1767



2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Quote

Quote #: QUO1767
Issued Date: 02-20-2018
Valid Until: 04-25-2018

Prepared For: King County Sheriff's Office

Primary Contact: Blythe Miniken

Blythe.Miniken@kingcounty.gov

Quantity	Text	List Price	Sub Total	Total
1.00	CellHawk Subscription - Tier 2 TERM OF LICENSE AND SUBSCRIPTION: 12 months MAXIMUM NUMBER OF DETAIL RECORDS: 250,000 MAXIMUM NUMBER OF USERS: 5	3,995.00	3,995.00	3,995.00
Grand Total (USD)				3,995.00

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Expense Reports

 APPROVED ✓

Logged In As HUFFMACS

Expenses

Expenses Home

Expense Reports

Pcard / Travel Card Transactions

Access Authorizations

Projects and Tasks

Payments Search

Trig Trav

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

[Return](#)[Create New Expense Report](#)[Printable Page](#)

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

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Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

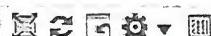
General Information

Name	Huffman, Christine S (000074915)	Report Submit Date	14-FEB-2018
Expense Dates	08-FEB-2018 - 09-FEB-2018	None	Add
Cost Center	200125	Report Total	6,174.95 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

[Expense Lines](#) [Expense Allocations](#) [Weekly Summary](#) [Approval Notes \[0\]](#) [Approvers](#)

Business Expenses

Pcard / Travel Card Expenses



Date	Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
08-Feb-2018	149.00 USD	53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- LIFELINE TRAINING 0001 0.00				149.00		
09-Feb-2018	1,192.42 USD		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K					
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA	850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY	15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE	607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...	2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645	587.85		
Total					6,174.95		
					Pcard / Travel Card Business Expenses	6,174.95	
					Cash and Other Business Expenses	0.00	
					Expense Report Total	6,174.95 USD	
					Company Paying to Pcard / Travel Card Issuer	6,174.95 USD	
					Reimbursement to You	0.00 USD	
					Pcard / Travel Card Unreimbursable Expenses	0.00	
					Pcard / Travel Card Itemized Unreimbursable Expenses	0.00	
					You Pay to Pcard / Travel Card Issuer	0.00 USD	
					Return	Create New Expense Report	Printable Page

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training	550.00	2,750.00
		Merclich	550.00	
		Sobczyk	550.00	
		Myers	550.00	
		Olmstead	550.00	
		Devore	550.00	
		P 1039528		
		O 200340		
		E 53814 T 001 A -		

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:
3013

DATE:
February 9, 2018

TOTAL:
\$2,750.00

PAYMENT METHOD:
Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & FINANCIAL DIVISION

2018 FEB -2 PM 12:12

KING COUNTY POLICE

CH
SAR
ENTERED
2/2/18

Request for Training

Date: 01/25/18

To: Chief Jerrell Wills, CID Via: Chain

From: Sergeant Blythe Miniken, MCU

Re: CELLHAWK ANALYTICS

Bonnie 67648
Supervisor signature

Jeanne D. /
Captain recommends approval Yes No

Chief approved Yes No

Charge to Low Org # Drug Fund

Unit: Major Crimes/SAU/Intell P 1039528 Mandatory? No If yes, explain below

Section: MIS/CID O 200340

Class Title: CellHawk E 53814 Tool A

Location: Des Moines, WA

Training Dates: March 27-29, 2018 Travel Dates: n/a

- Attendee(s):
1. Detective Joe Merclich
 2. Detective Patrick Sobczyk
 3. Detective Chris Myers
 4. Detective Matthew Olmstead
 5. Sergeant Chad Devore
 - 6.
 - 7.
 - 8.

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Registration form

Attendee(s) have already registered

Attached for B&A to submit (with payment if applicable)

B&A will register online and pay with credit card

Prepaid

Sponsor will bill B&A

P.O needed

Invoice attached

N/A or other

B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.
http://financeweb.metrokc.gov/finance/fmd/EB/S/EBS_AP_Travel_Pre-Authorization.pdf

\$2750 all attendees Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED
BUDGET & ACCOUNTING
2018 FEB -2 PM 12:11
KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018
To: Captain Ted Boe, Criminal Investigations Division
From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*
Re: CELLHAWK TRAINING

Via: Chain of Command

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

Attachment: Cellhawk Flyer (2pgs)

Approved: Chief Jean C. Wills
I DO NOT believe that
our Drug fund should be used
to PAY for this TRAINING. PLEASE
USE OUR TRAINING budget to this training
Chief Wills

NECESSARY for PHONE/DUTIAL
DETECTIVES, SHOULD BE
PAID BY DRUG FUND.

1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow
206/477-2226
michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

Terms & Conditions:

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Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

CH
ENTERED
02/15/18

INVOICE

Invoice #: INV22195
Issued Date: 01-25-2018
Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow
206/477-2226
michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
5.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,750.00	2,750.00
Grand Total (USD)				2,750.00

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Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



**REGISTER today by visiting our website at
www.hawkanalytics.com/training**

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK

www.hawkanalytics.com

2 DAY

TRAINING

\$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155



SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- Cell Site Locations
- Interactive Animation
- Statistical & Link Analysis
- Graphical CDR Mapping

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th
8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at
www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK -Option 3 **www.hawkanalytics.com**

1 DAY

TRAINING **\$195**

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- CellHawk Basics
- Uploading Files
- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics

Expense Reports

 APPROVED

Merchick

Logged In As HUFFMACS

Expenses

Expenses Home | Expense Reports | Pcard / Travel Card Transactions | Access Authorizations | Projects and Tasks | Payments Search

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500[Return](#) [Create New Expense Report](#) [Printable Page](#)**Submission Instructions**

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.



Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S (000074915) Report Submit Date 14-FEB-2018

Expense Dates 08-FEB-2018 - 09-FEB-2018

None [Add](#)

Cost Center 200125

Report Total 6,174.95 USD

Purpose KC PCARD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

[Expense Lines](#) [Expense Allocations](#) [Weekly Summary](#) [Approval Notes \[0\]](#) [Approvers](#)**Business Expenses****Pcard / Travel Card Expenses**

Date	Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
08-Feb-2018	149.00 USD	53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- 0001 0.00	LIFELINE TRAINING			149.00		
09-Feb-2018	1,192.42 USD		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K						
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA		850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY		15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE		607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...		2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE		11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE		10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645		587.85		
Total						6,174.95		

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

[Return](#) [Create New Expense Report](#) [Printable Page](#)

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To	Ship To
King County Sheriff's Office ATTN: Christine Huffman	King County Sheriff's Office ATTN: Christine Huffman

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training	550.00	2,750.00
		Merclich	550.00	
		Sobczyk	550.00	
		Myers	550.00	
		Ulmstead	550.00	
		Devore	550.00	
		P <u>1039528</u>		
		O <u>200340</u>		
		E <u>53814 T 001 A -</u>		
Total				\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
3013	February 9, 2018	\$2,750.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00



RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:12

CH
S/P
PNT PERIOD
3/1/18

Request for Training

KING COUNTY POLICE

Date: 01/25/18

To: Chief Jerrell Wills, CID Via: Chain

From: Sergeant Blythe Miniken, MCU

Re: CELLHAWK ANALYTICS

Brian 67648
Supervisor signature

Captain J.P. Captain recommends approval Yes No

Chief approved Yes No

Charge to Low Org # DRUG FUND

Unit: Major Crimes/SAU/Intel 1039528 Mandatory? No If yes, explain below

Section: MIS/CID 0 200340

Class Title: CellHawk E 53814 Tool A

Location: Des Moines, WA

Training Dates: March 27-29, 2018 Travel Dates: n/a

- Attendee(s):
- | | |
|-------------------------------|-------------------------|
| 1. Detective Joe Merclich | 5. Sergeant Chad Devore |
| 2. Detective Patrick Sobczyk | 6. |
| 3. Detective Chris Myers | 7. |
| 4. Detective Matthew Olmstead | 8. |

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Registration form

Attendee(s) have already registered

Attached for B&A to submit (with payment if applicable)

B&A will register online and pay with credit card

Prepaid

Sponsor will bill B&A

P.O needed

Invoice attached

N/A or other

B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.
http://financeweb.metrokc.gov/finance/fmd/EBS/EBS_AP_Travel_Proposal.pdf

\$2750 all attendees

Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING
2018 FEB -2 PM 12:11
KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018

To: Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*

Re: CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

Attachment: Cellhawk Flyer (2pgs)

NECESSARY FOR PROFESSIONAL
DETECTIVES, SHOULD BE
PAID BY DRUG FUNDS.

Approved: *Chief Green C. J.*
I DO NOT believe that 1/13/2018
our Drug funds should be used
to pay for this training. Please
use our training budget to this training
Chief Wills

J. M. Wills
1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

CH
ENTERED
01/25/18

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow
206/477-2226
michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
5.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,750.00	2,750.00
Grand Total (USD)				2,750.00

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Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



**REGISTER today by visiting our website at
www.hawkanalytics.com/training**

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK

www.hawkanalytics.com

**2 DAY
TRAINING \$395***

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155



CELLHAWK
POWERED BY HAWK ANALYTICS



SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- Cell Site Locations
- Interactive Animation
- Statistical & Link Analysis
- Graphical CDR Mapping

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th
8am to 5pm

2400 S 240th St, Des Moines, WA 98198



1 DAY
TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- CellHawk Basics
- Uploading Files
- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics

REGISTER today by visiting our website at
www.hawkanalytics.com/training

OR Contact:

Hawk Training Team
training@hawkanalytics.com

469-373-HAWK -Option 3 www.hawkanalytics.com

Expense Reports

 APPROVED ✓

Sobczyk

Inv

Expenses

Logged In As HUFFMACS

[Expenses Home](#) | [Expense Reports](#) | [Pcard / Travel Card Transactions](#) | [Access Authorizations](#) | [Projects and Tasks](#) | [Payments Search](#)

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

[Return](#) | [Create New Expense Report](#) | [Printable Page](#)

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

- * Make a photocopy of this page and any receipts for your records.

- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

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Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name	Huffman, Christine S (000074915)	Report Submit Date	14-FEB-2018
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Expense Dates	08-FEB-2018 - 09-FEB-2018	None	Add
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Cost Center	200125	Report Total	6,174.95 USD
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Purpose	KC PCARD	Reimbursement Amount	0.00 USD
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Original Receipts Status	Not Required
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[Expense Lines](#) | [Expense Allocations](#) | [Weekly Summary](#) | [Approval Notes \[0\]](#) | [Approvers](#)

Business Expenses

Pcard / Travel Card Expenses



Date	Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
08-Feb-2018	149.00 USD	53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- LIFELINE TRAINING 0001 0.00				149.00		
09-Feb-2018	1,192.42 USD		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K					
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA	850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY	15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE	607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...	2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645	587.85		
Total				6,174.95			

Pcard / Travel Card Business Expenses 6,174.95
 Cash and Other Business Expenses 0.00

Expense Report Total 6,174.95 USD

Company Paying to Pcard / Travel Card Issuer 6,174.95 USD

Reimbursement to You 0.00 USD

Pcard / Travel Card Unreimbursable Expenses 0.00
 Pcard / Travel Card Itemized Unreimbursable Expenses 0.00

You Pay to Pcard / Travel Card Issuer 0.00 USD

[Return](#) [Create New Expense Report](#) [Printable Page](#)

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training	550.00	2,750.00
		Merclich	550.00	
		Sobczyk	550.00	
		Myers	550.00	
		Olmstead	550.00	
		Devore	550.00	
Total				\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
3013	February 9, 2018	\$2,750.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:12

CH
ENTERED
FEB 2 2018

Request for Training

KING COUNTY POLICE

Date: 01/25/18

To: Chief Jerrell Wills, CID

Via: Chain

From: Sergeant Blythe Miniken, MCU

Re: CELLHAWK ANALYTICS

Bonnie 67648
Supervisor signature

John J D /
Captain recommends approval Yes No

Chief approved Yes No

Charge to Low Org # DRUG FUND

Unit: Major Crimes/SAU/Inte 1039528 Mandatory? No If yes, explain below
Section: MIS/CID 0 200340

Class Title: CellHawk E 53814 T 001 A

Location: Des Moines, WA

Training Dates: March 27-29, 2018 Travel Dates: n/a

- Attendee(s):
1. Detective Joe Merclich
 2. Detective Patrick Sobczyk
 3. Detective Chris Myers
 4. Detective Matthew Olmstead
 5. Sergeant Chad Devore
 - 6.
 - 7.
 - 8.

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Attendee(s) have already registered

Attached for B&A to submit (*with payment if applicable*)

B&A will register online and pay with credit card

Prepaid Sponsor will bill B&A

P.O needed Invoice attached

N/A or other B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.

http://financeweb.metrokc.gov/finance/fmd/BS/EBS_AP_Travel_Pre-Authorization.pdf

\$2750 all attendees Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:11

KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018

To: Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*

Re: CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

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Attachment: Cellhawk Flyer (2pgs)

NECESSARY FOR PHONE / DRUG
DETECTIVES. SHOULD BE

Approved: *Chief Dean C. J.*

01/31/2018

Paid by DRUG FUNDS.

I DO NOT BELIEVE THAT
OUR DRUG FUNDS SHOULD BE USED
TO PAY FOR THIS TRAINING. PLEASE
USE OUR TRAINING BUDGET TO THIS TRAINING

J. M. B.
1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

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- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

CH
[Signature]
ENTERED
01/25/18

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
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Grand Total (USD)				2,750.00

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- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.

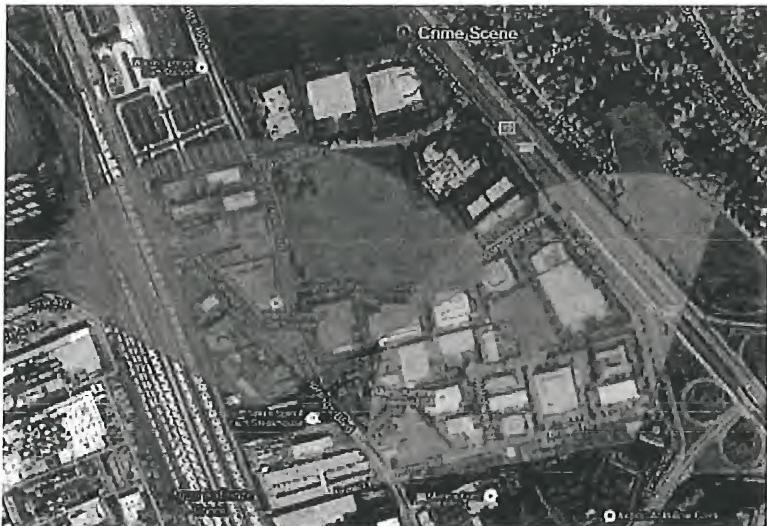


Cellular Technology, Mapping & Analysis Class

Training specific to understanding cellular networks and the information they provide. This class will provide an in-depth look into cellular networks and call detail records (CDR's) from any cell phone provider. We will teach you to understand the information, how to use the information, and why it is critical to your investigations.

WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



Hawk Analytics is dedicated to making the investigations for law enforcement agencies throughout the U.S. faster, more informative and precise.

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



**REGISTER today by visiting our website at
www.hawkanalytics.com/training**

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK www.hawkanalytics.com

2 DAY

TRAINING \$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155

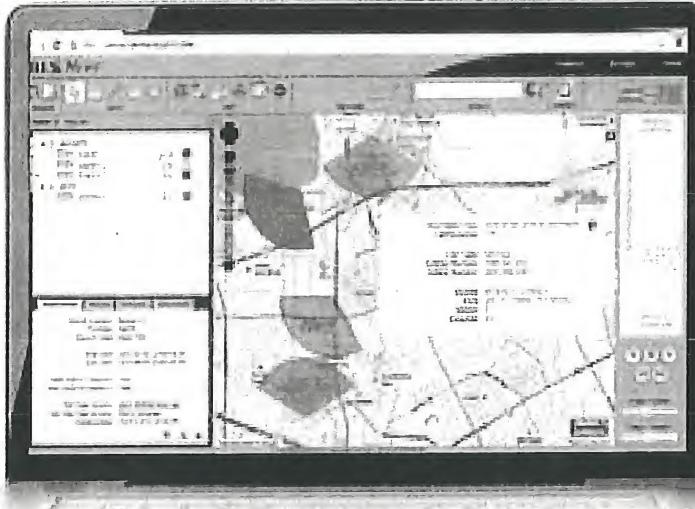


SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- Cell Site Locations
- Interactive Animation
- Statistical & Link Analysis
- Graphical CDR Mapping

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



REGISTER today by visiting our website at
www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK -Option 3 www.hawkanalytics.com

1 DAY

TRAINING

\$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- CellHawk Basics
- Uploading Files
- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics

Expense Reports

 APPROVED ✓

H G X C D 0

Logged In As HUFFMACS

Expenses

Expenses Home

Expense Reports

Pcard / Travel Card Transactions

Access Authorizations

Projects and Tasks

Payments Search

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

[Return](#)[Create New Expense Report](#)[Printable Page](#)

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.

Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name	Huffman, Christine S (000074915)	Report Submit Date	14-FEB-2018
Expense Dates	08-FEB-2018 - 09-FEB-2018	None	Add
Cost Center	200125	Report Total	6,174.95 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

[Expense Lines](#) [Expense Allocations](#) [Weekly Summary](#) [Approval Notes \[0\]](#) [Approvers](#)

Business Expenses

Pcard / Travel Card Expenses



Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
ISD 53814 TRAINING		NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- LIFELINE TRAINING 0001 0.00				149.00		
		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K					
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA	850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY	15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE	607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...	2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645	587.85		

Total

6,174.95

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

[Return](#) | [Create New Expense Report](#) | [Printable Page](#)

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training	550.00	2,750.00
		Merclich	550.00	
		Sobczyk	550.00	
		Myers	550.00	
		Olmstead	550.00	
		Devore	550.00	
Total				\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
3013	February 9, 2018	\$2,750.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING
2018 FEB -2 PM 12:12

CH
S/P
INTERFED
FEB 2018

Request for Training

KING COUNTY POLICE

Date: 01/25/18

To: Chief Jerrell Wills, CID

Via: Chain

From: Sergeant Blythe Miniken, MCU

Re: CELLHAWK ANALYTICS

Bonnie 67648
Supervisor signature

John G.D. //
Captain recommends approval Yes No

Chief approved Yes No

Charge to Low Org # DRUG FUND

Unit: Major Crimes/SAU/Intell 1039528 Mandatory? No If yes, explain below
Section: MIS/CID 0 200340
Class Title: CellHawk E 53814 T 001 A
Location: Des Moines, WA

Training Dates: March 27-29, 2018

Travel Dates: n/a

- Attendee(s):
1. Detective Joe Merclich
 2. Detective Patrick Sobczyk
 3. Detective Chris Myers
 4. Detective Matthew Olmstead
 5. Sergeant Chad Devore
 - 6.
 - 7.
 - 8.

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Registration form

Attendee(s) have already registered

Attached for B&A to submit (with payment if applicable)

B&A will register online and pay with credit card

Registration fee

Prepaid

Sponsor will bill B&A

P.O needed

Invoice attached

N/A or other

B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.

http://financeweb.metrokc.gov/finance/fmd/EB/S/EBS_AP_Travel_Pre-Authorization.pdf

\$2750 all attendees

Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING
2018 FEB -2 PM 12:11
KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018

To: Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*

Re: CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

Cellhawk training is offered around the country, however we have requested that they bring the training to the Seattle area based on the number of detectives within KCSO that would like the training. KCSO has sponsored a three day Cellhawk class on March 27th, 28, and 29th of 2018. Because we sponsored the class, we were given three seats in the class at no charge. The class (for all three days of training) costs \$590 per person. I have attached the class flyers for more information. Detectives Do, Elliott, and Glasgow will be attending the class for free. We are requesting that we also send Detectives Olmstead, Merclich, Sobczyk, Myers, and Sgt. Devore as this class would benefit each unit greatly. This would be a total cost of \$2950. Based on the fact that the majority of cases in Major Investigations/CID have a nexus to drugs, it would be appropriate to fund this class utilizing the drug fund.

Attachment: Cellhawk Flyer (2pgs)

NECESSARY FOR PHONE/DIGITAL
DETECTIVES. SHOULD BE

Approved: Chief *Jean C. T.* 01/31/2018

I DO NOT believe that
our Drug funds should be used
to PAY for this TRAINING. PLEASE
use our LEARNING budget to this training
Chief Jean C. T.

Paid by DRUG funds.

[Signature] 1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

Terms & Conditions:

By providing payment in response to this quote:

- You acknowledge having received, read & understood the Hawk Analytics Master Subscription Agreement updated on October 1, 2013.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

CH
[Signature]
ENTERED
01/25/18

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
5.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,750.00	2,750.00
Grand Total (USD)				2,750.00

Terms & Conditions:

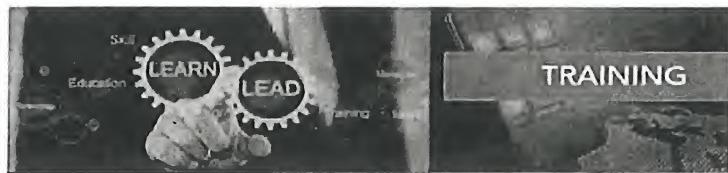
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- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



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Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



**REGISTER today by visiting our website at
www.hawkanalytics.com/training**

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK www.hawkanalytics.com

2 DAY

TRAINING

\$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155



SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- Cell Site Locations
- Interactive Animation
- Statistical & Link Analysis
- Graphical CDR Mapping

Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



1 DAY

TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- CellHawk Basics
- Uploading Files
- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics

REGISTER today by visiting our website at
www.hawkanalytics.com/training

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK -Option 3 www.hawkanalytics.com

Expense Reports

 APPROVED ✓

A G X C D 0

Logged In As HUFFMACS

Olmstead

Expenses

Expenses Home | Expense Reports | Pcard / Travel Card Transactions | Access Authorizations | Projects and Tasks | Payments Search

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

[Return] [Create New Expense Report] [Printable Page]

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.

- * Make a photocopy of this page and any receipts for your records.

- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.

- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.



Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name	Huffman, Christine S (000074915)	Report Submit Date	14-FEB-2018
Expense Dates	08-FEB-2018 - 09-FEB-2018	None	<input type="button" value="Add"/>
Cost Center	200125	Report Total	6,174.95 USD
Purpose	KC PCARD	Reimbursement Amount	0.00 USD
Original Receipts Status	Not Required		

Expense Lines | Expense Allocations | Weekly Summary | Approval Notes [0] | Approvers

Business Expenses

Pcard / Travel Card Expenses

Date	Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
08-Feb-2018	149.00 USD	53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- LIFELINE TRAINING 0001 0.00				149.00		
09-Feb-2018	1,192.42 USD		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K					
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA	850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY	15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE	607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...	2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645	587.85		
		Total	6,174.95				
		Pcard / Travel Card Business Expenses	6,174.95				
		Cash and Other Business Expenses	0.00				
		Expense Report Total	6,174.95 USD				
		Company Paying to Pcard / Travel Card Issuer	6,174.95 USD				
		Reimbursement to You	0.00 USD				
		Pcard / Travel Card Unreimbursable Expenses	0.00				
		Pcard / Travel Card Itemized Unreimbursable Expenses	0.00				
		You Pay to Pcard / Travel Card Issuer	0.00 USD				
		Return	Create New Expense Report	Printable Page			

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training Merclich Sobczyk Myers Almstead Devore	550.00 550.00 550.00 550.00 550.00	2,750.00

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
3013	February 9, 2018	\$2,750.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:12

KING COUNTY POLICE

CH
S/P
INTERED
GJH

Request for Training

Date: 01/25/18

To: Chief Jerrell Wills, CID

Via: Chain

From: Sergeant Blythe Miniken, MCU

 67648
Supervisor signature

Re: CELLHAWK ANALYTICS

Chief approved Yes No

 Captain recommends approval Yes No

Unit: Major Crimes/SAU/Intell 1039528 Mandatory? No If yes, explain below
Section: MIS/CID 0 200340
Class Title: CellHawk E 53814 T 001 A

Location: Des Moines, WA

Training Dates: March 27-29, 2018

Travel Dates: n/a

- Attendee(s):
1. Detective Joe Merclich
 2. Detective Patrick Sobczyk
 3. Detective Chris Myers
 4. Detective Matthew Olmstead
 5. Sergeant Chad Devore
 - 6.
 - 7.
 - 8.

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Attendee(s) have already registered

Attached for B&A to submit (*with payment if applicable*)

B&A will register online and pay with credit card

Prepaid Sponsor will bill B&A

P.O needed Invoice attached

N/A or other B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.

http://financeweb.metrokc.gov/finance/fmd/BS/EBS_AP_Travel_Pre-Authorization.pdf

\$2750 all attendees

Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:11

KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018

To: Captain Ted Boe, Criminal Investigations Division

Via: Chain of Command

From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*

Re: CELLHAWK TRAINING

Cellhawk is a software program used by detectives through the KCSO Criminal Investigations Division that map cell phone usage when provided with Call Detail Records (CDR's) in criminal investigations. Cell mapping is a common task used in most of our larger, more complex, or highly sensitive cases. This tool allows us to upload data files provided by cellular companies and provides us with a graphical representation of individual calls on the map. It shows geographic boundaries of where the phone has travels, allows us to plot the most frequently used cells and see them on a map. This tool also helps analyze the CDR for anomalies or frequency, and also displays calls based on terrain maps, satellite imagery, street maps, and aviation charts. Cellhawk shows all of the provider cell sites and gives a graphical representation of the actual sector orientation for a cell. Our detectives are able to add their own markups to aid in presenting their data. Cellhawk has been used with great success in many cases among Major Investigations and, as technology expands, so does our need to maintain competency in these areas for purposes of investigations and presentation during trial. This is the current and only tool used for cell mapping at the King County Sheriff's Office.

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Attachment: Cellhawk Flyer (2pgs)

NECESSARY for PHONE/DIGITAL
DETECTIVES, SHOULD BE

Approved: *Chief [Signature]* C. J. 1/31/2018

I DO NOT believe that
our Drug funds should be used
to PAY for this TRAINING. PLEASE
use our TRAINING budget to this training

Paid by DRUG FUNDS.

[Signature] 1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

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CH
ENTERED
01/25/18

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WHAT YOU LEARN

- Learn the basics of mapping CDR's
- Learn how to use advanced reports (PCMD, RTT & EVDO) to obtain a more accurate location
- Learn how cellular networks communicate with cell phones
- Learn how to find out who's talking to who
- Learn how LTE has changed cellular networks and the records you use



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Northwestern Region

Highline College

In Partnership with the King County Sheriff's Office

2-DAY ~ March 27-28th, 2018

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



**REGISTER today by visiting our website at
www.hawkanalytics.com/training**

OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK www.hawkanalytics.com

2 DAY

TRAINING

\$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155



CELLHAWK
POWERED BY HAWK ANALYTICS



SOFTWARE THAT REDEFINES INVESTIGATIONS

EXTRACT RAPID ANSWERS AND COMPELLING EVIDENCE FROM CELL PHONE CALL DETAIL RECORDS

WHAT YOU LEARN

- Learn to leverage all the features within the CellHawk software
- Learn to extract as many possible answers from the data. For example; suspect behavior, connections, locations, dates & times
- Learn how CellHawk software can make you more effective in the courtroom with precise data



KEY FEATURES

- Drag and Drop upload for cellular call detail records (CDRs)
- Cell Site Locations
- Interactive Animation
- Statistical & Link Analysis
- Graphical CDR Mapping

Northwestern Region

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In Partnership with the King County Sheriff's Office

1-DAY ~ March 29th

8am to 5pm

2400 S 240th St, Des Moines, WA 98198



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OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK -Option 3 www.hawkanalytics.com

1 DAY

TRAINING \$195

Get the most out of CellHawk by understanding all the features of the software. Maximize your results, save time and solve more cases.

- CellHawk Basics
- Uploading Files
- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics

Expense Reports

 APPROVED ✓

D O S C P 0

Logged In As HUFFMACS

Expenses

Expenses Home | Expense Reports | Pcard / Travel Card Transactions | Access Authorizations | Projects and Tasks | Payments Search

Devore

Confirmation

Expense report number KCIE2769500 for 6,174.95 has been submitted.

Expense Report KCIE2769500

[Return] [Create New Expense Report] [Printable Page]

Submission Instructions

Note: P-Card and Travel Card transactions do not require that this page or receipts be forwarded to Accounts Payable. All card-related Expense Reports and receipts remain with the department. There is a six year retention schedule.

- * Print this page and attach all original receipts and any supporting documentation (including the signed travel request if applicable) required by central Accounts Payable.
- * Make a photocopy of this page and any receipts for your records.
- * Place this page and the original receipts and documentation in an interoffice envelope, and send to Accounts Payable.
- * If your approver needs to review this printed expense report page, original receipts and supporting documentation prior to approval, please provide them the information before forwarding onto Accounts Payable.



Your Approver will be notified that your expense report requires review and approval. Upon approval, a notification will be sent to you and Accounts Payable. This expense report will be paid after it has been reviewed by Accounts Payable.

General Information

Name Huffman, Christine S
(000074915) Report Submit Date 14-FEB-2018

Expense Dates 08-FEB-2018 - 09-FEB-2018

None

Cost Center 200125

Report Total 6,174.95 USD

Purpose KC PCARD

Reimbursement Amount 0.00 USD

Original Receipts Status Not Required

Expense Lines | Expense Allocations | Weekly Summary | Approval Notes [0] | Approvers

Business Expenses**Pcard / Travel Card Expenses**

Date	Receipt Amount	Expense Type	Justification	Merchant Name	Original Receipt Required	Receipt Missing	Reimbursable Amount (USD)	Details	Attachments
08-Feb-2018	149.00 USD	53814 TRAINING	NO CPA/USE OF FORCE JOSHUA HOLMES/LIFELINE CALIBRE PRESS/INV AU-KF958M02160CJDK8 NTX-SB- LIFELINE TRAINING 0001 0.00				149.00		
09-Feb-2018	1,192.42 USD		NO CPA/KENMORE WASHER/SEARS/ORDER 093000078507 RAV-SB-0001 94.43	SEARS.COM 9300			1,192.42		

		52180 MINR ASSET NON CONT L 5K					
09-Feb-2018	850.58 USD	52202E PHOTOGRAPHIC SUPPLIES	NO CPA/CAMERA ACCESSORIES/GLAZER'S CAMERA/INV 717629 ADM-SO-0200 78.03	GLAZER'S CAMERA	850.58		
09-Feb-2018	15.96 USD	52215 BOOKS SUBSCRIPTIONS	CPA 537039/ONLINE SUBSCRIPTION/SEATTLE TIMES/FEB2018 NTX-SB-0001 0.00	SEATTLE TIMES COMPANY	15.96		
09-Feb-2018	607.00 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004149295 NTX-SB-0001 0.00	STERICYCLE	607.00		
09-Feb-2018	2,750.00 USD	53814 TRAINING	NO CPA/CELLULAR MAPPING CLASS MERCLICH SOBCZYK MYERS OLMSTEAD DEVORE/HAWK ANALYTICS/INV 22195 NTX-SB-0001 0.00	WWW.HAWKANALY...	2,750.00		
09-Feb-2018	11.78 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3004145978 NTX-SB-0001 0.00	STERICYCLE	11.78		
09-Feb-2018	10.36 USD	53890 MISC SERVICES CHARGES	CPA 520961/BIO WASTE DISPOSAL/STERICYCLE/INV 3001419266 NTX-SB-0001 0.00	STERICYCLE	10.36		
08-Feb-2018	587.85 USD	53210 SERVICES COMMUNICATIONS	NO CPA/MICROPHONE HEADSET W/EARMUFF/SPORTY'S PILOT SHOP/ORDER 28212769-2 RNT-SB-0001 USE TAX 58.79	SPORTY'S (800) 548-4645	587.85		
Total					6,174.95		

Pcard / Travel Card Business Expenses	6,174.95
Cash and Other Business Expenses	0.00
Expense Report Total	6,174.95 USD
Company Paying to Pcard / Travel Card Issuer	6,174.95 USD
Reimbursement to You	0.00 USD
Pcard / Travel Card Unreimbursable Expenses	0.00
Pcard / Travel Card Itemized Unreimbursable Expenses	0.00
You Pay to Pcard / Travel Card Issuer	0.00 USD

[Return](#) | [Create New Expense Report](#) | [Printable Page](#)

Invoice

2652 FM 407
Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

Invoice #:	INV22195
Date:	2/9/2018

Bill To

King County Sheriff's Office
ATTN: Christine Huffman

Ship To

King County Sheriff's Office
ATTN: Christine Huffman

P.O. Number

Quantity	Item Code	Description	Price Each	Amount
5	CH-TRAIN	CellHawk Product Training <i>Merclich</i> <i>Sobczyk</i> <i>Myers</i> <i>Olmstead</i> <i>Devore</i>	550.00	2,750.00

Total

\$2,750.00



CHECKOUT

Thank you. Your order has been received.

ORDER NUMBER:	DATE:	TOTAL:	PAYMENT METHOD:
3013	February 9, 2018	\$2,750.00	Credit card

ORDER DETAILS

PRODUCT	TOTAL
SUBTOTAL:	\$0.00
HAWK ANALYTICS 3-DAY TRAINING CLASS - 5 STUDENTS - INV22195:	\$2,750.00
PAYMENT METHOD:	Credit card
TOTAL:	\$2,750.00

SHERIFF

KING COUNTY

RECEIVED
BUDGET & ACCOUNTING

2018 FEB -2 PM 12:12

CH
JW
ENTERED
FEB 12 2018

Request for Training

KING COUNTY POLICE

Date: 01/25/18

To: Chief Jerrell Wills, CID

Via: Chain

From: Sergeant Blythe Miniken, MCU

Re: CELLHAWK ANALYTICS

Bonnie 67648
Supervisor signature

John J D //
Captain recommends approval Yes No

Chief approved Yes No

Charge to Low Org # DRUG FUND

Unit: Major Crimes/SAU/Intell 1039528 Mandatory? No If yes, explain below
Section: MIS/CID 0 200340

Class Title: CellHawk E 53814 T 001 A

Location: Des Moines, WA

Training Dates: March 27-29, 2018 Travel Dates: n/a

Attendee(s): 1. Detective Joe Merclich
2. Detective Patrick Sobczyk
3. Detective Chris Myers
4. Detective Matthew Olmstead
5. Sergeant Chad Devore
6.
7.
8.

Cost per attendee

Early Bird Registration \$

If paid before (date)

Regular Registration \$550.00

Meals \$

Lodging \$

Transportation \$

Other \$

TOTAL \$550 per person

Registration

Registration form

Attendee(s) have already registered

Attached for B&A to submit (with payment if applicable)

B&A will register online and pay with credit card

Prepaid

Sponsor will bill B&A

P.O needed

Invoice attached

N/A or other

B&A to pay online (info attached)

Attach an original signed
Travel Pre-Authorization Form
for out-of-county (more than 6 hrs),
out-of-state or overnight travel.

http://financeweb.metrokc.gov/finance/fmd/EB/S/EBS_AP_Travel_Pre-Authorization.pdf

\$2750 all attendees

Request Cash Advance \$ per person

Date 1/25/18
Budget & Accounting
Page 2

Class Title & Dates of Training CellHawk March 27-29, 2018

Please attach supporting documents as well as method of travel and estimated transportation costs.

Comments: Please see attached memo and supporting documents from CellHawk Analytics.

Completed by Sergeant Blythe Miniken



RECEIVED
BUDGET & ACCOUNTING
2010 FEB -2 PM 12:11
KING COUNTY SHERIFF

Memorandum

Date: January 22, 2018
To: Captain Ted Boe, Criminal Investigations Division
From: Sergeant Blythe Miniken, Major Crimes Unit *(Signature)*
Re: CELLHAWK TRAINING

Via: Chain of Command

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Attachment: Cellhawk Flyer (2pgs)

NECESSARY FOR PHONE / DRUGS
DETECTIVES, SHOULD BE
PAID BY DRUG FUNDS.

Approved: Chief *Jean C. T.* 01/31/2018
I do not believe that
our Drug funds should be used
to pay for this training. Please
use our training budget to this training
Chief Jean C. T.

[Signature] 1/23/2018



Remit To: Hawk Analytics, Inc.
2652 FM 407 Suite 215-E
Bartonville, TX 76226
(469) 373-HAWK
sales@hawkanalytics.com

INVOICE

Invoice #: INV22195

Issued Date: 01-25-2018

Purchase Order #:

Prepared For: King County Sheriff's Office

Primary Contact: Michael Glasgow

206/477-2226

michael.glasgow@kingcounty.gov

Quantity	Description	List Price	Sub Total	Total
4.00	3 Day - Both Courses (Des Moines WA) SKU:	550.00	2,200.00	2,200.00
Grand Total (USD)				2,200.00

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CH
ENTERED
2/5/18

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OR Contact:

Hawk Training Team

training@hawkanalytics.com

469-373-HAWK **www.hawkanalytics.com**

2 DAY

TRAINING

\$395*

DAY 1

What are Cellular Call Detail Records (CDRs)
How Do You Obtain Them
Understand the Technology that Created Them
Understand the Records Themselves

DAY 2

Advanced Analysis: PCMD Data
Advanced Analysis: Phone Behavior
Testifying in Court

*Add 1-day CellHawk software training for \$155



CELLHAWK
POWERED BY HAWK ANALYTICS

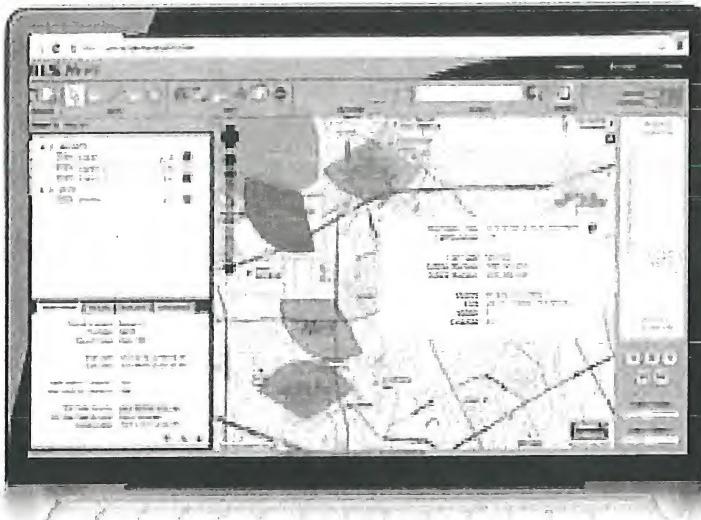


SOFTWARE THAT REDEFINES INVESTIGATIONS

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1 DAY

TRAINING \$195

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- Working With Cell Site Lists
- Working With Phone Records (CDRs)
- Using The Map
- Getting Answers
- Reports & Exporting
- Advanced Topics